

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: D. Stamatelakis et al. Attorney Docket No.: LAMA118471

Application No.: FILED CONCURRENTLY
HEREWITH

Filed: CONCURRENTLY
HEREWITH

Title: DISTRIBUTED PRECONFIGURATION OF SPARE CAPACITY IN
CLOSED PATHS FOR NETWORK RESTORATION



INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. X This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 08/893,491, filed July 11, 1997. The references listed on the attached form were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application.
2. X This Information Disclosure Statement is being filed concurrently with the above-identified application.

Respectfully submitted,

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INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
_____	U1	4,956,835		09/11/1990	Grover
_____	U2	5,146,452		09/08/1992	Pekarske
_____	U3	5,173,689		12/22/1992	Kusano
_____	U4	5,235,599		08/10/1993	Nishimura et al.
_____	U5	5,435,003		07/18/1995	Chng et al.
_____	U6	5,495,471		02/27/1996	Chow et al.
_____	U7	5,537,532		07/16/1996	Chng et al.
_____	U8	5,590,119		12/31/1996	Moran et al.
_____	U9	5,835,482		11/10/1998	Allen
_____	U10	5,850,505		12/15/1998	Grover
_____	U11	5,999,286		12/07/1999	Venkatesan

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
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None

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OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
_____	O1	Grover, W.D. and M.H. MacGregor, "Potential for Spare Capacity Preconnection to Reduce Crossconnection Workloads in Mesh-Restorable Networks," <i>Electronics Letters</i> 30(3):194-195, February 3, 1994.
_____	O2	Herzberg, Meir and Stephen J. Bye, "An Optimal Spare-Capacity Assignment Model for Survivable Networks With Hop Limits," <i>Proceedings of IEEE Globecom '94</i> , Telecom Australia Research Laboratories, IEEE, Vol. 3, 1994, pp. 1601-1606.
_____	O3	Information sheet on Existing Telco Digital Cross-Connect Switch (DCS).
_____	O4	PCT International Application No. PCT/GB96/01912, filed August 6, 1996, entitled Route Finding in Communications Networks, International Publication No. WO 97/06643, published February 20, 1997.
_____	O5	PCT International Application No. PCT/GB96/01913, filed August 6, 1996, entitled Route Finding in Communications Networks, International Publication No. WO 97/06644, published February 20, 1997.
_____	O6	PCT International Application No. PCT/GB96/01914, filed August 6, 1996, entitled Route Finding in Communications Networks, International Publication No. WO 97/06645, published February 20, 1997.
_____	O7	PCT International Application No. PCT/US96/13830, filed August 28, 1996, entitled Deterministic Selection of an Optimal Restoration Route in a Telecommunications Network, International Publication No. WO 97/08860, published March 6, 1997.
_____	O8	PCT International Application No. PCT/US96/14999, filed September 18, 1996, entitled Communication System and Method Providing Optimal Restoration of Failed Paths, International Publication No. WO 97/11543, published March 27, 1997.
_____	O9	Photocopy of Canadian Patent Application No. 2,161,847, filed October 31, 1995 (published May 1, 1997), including drawings and filing certificate, corresponding to U.S. Patent Application No. 08/551,709, filed November 1, 1995, 32 pages.

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_____ O10 Telecommunications Network Management Into the 21st Century, Techniques, Standards, Technologies, and Applications, "Distributed Restoration of the Transport Network," IEEE Press, Chapter 11, pp. 337-417, 1993.

_____ O11 Wu, Tsong-Ho, "Fiber Network Service Survivability," Artech House, Boston, ©1992, pp. 1-211.

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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